

CLAIMS:

I claim:

1. An eyewear system comprising:
 - a primary lens assembly comprising;
 - a primary frame for retaining a pair of primary lenses;
 - a pair of primary magnets attached to the primary frame;
 - an auxiliary lens assembly comprising;
 - an auxiliary frame for retaining a pair of auxiliary lenses;
 - a pair of first magnetic members;
 - a pair of second magnetic members; and,

whereas the primary magnets magnetically engage the first magnetic members
when the auxiliary lenses are substantially aligned with the primary lenses;
and,

whereas the primary magnets are magnetically engagable with the second
magnetic members when the auxiliary frame is rotated upward.
2. An eyewear system comprising:
 - a primary lens assembly comprising;
 - a primary frame for retaining a pair of primary lenses;
 - a pair of primary magnetic members attached to the primary frame;
 - an auxiliary lens assembly comprising;
 - an auxiliary frame for retaining a pair of auxiliary lenses;
 - a pair of first auxiliary magnets;
 - a pair of second auxiliary magnets; and,

whereas the primary magnetic members magnetically engage the first magnets
when the auxiliary lenses are substantially aligned with the primary lenses;
and,

whereas the primary magnets are magnetically engagable with the second
magnetic members when the auxiliary frame is rotated upward.

3. An eyewear system comprising:
 - a primary lens assembly comprising;
 - a primary frame for retaining a pair of primary lenses;
 - a pair of primary extensions extending from opposite sides of the primary frame;
 - and,
 - a primary magnet located in each primary extension;
 - an auxiliary lens assembly comprising;
 - an auxiliary frame for retaining a pair of auxiliary lenses;
 - a pair of magnetically attractable auxiliary extensions extending from opposite sides of the auxiliary frame;
 - an arm extending rearward from each auxiliary extension, and,
 - an auxiliary magnet located in each arm; and,

whereas the primary magnets magnetically engage the auxiliary extensions when the auxiliary lenses are substantially aligned with the primary lenses; and,

whereas the primary magnets are magnetically engagable with the auxiliary magnets when the auxiliary frame is rotated upward.
4. The eyewear system of claim 1, further comprising:
 - a leg portion attached to each primary lens.
5. The eyewear system of claim 1, further comprising:
 - whereas the arms contact the primary frame extension when the auxiliary frame is aligned with the primary frame so as to further prevent disengagement of the auxiliary lens assembly from the primary lens assembly.
6. The eyewear system of claim 1, further comprising:
 - a plastic sleeve located on the auxiliary extension.
7. An eyewear system comprising:
 - a primary lens assembly comprising;
 - a primary frame for retaining a pair of primary lenses;

a pair of primary extensions extending from opposite sides of the primary frame;
and,
an auxiliary lens assembly comprising;
an auxiliary frame for retaining a pair of auxiliary lenses;
a pair of auxiliary extensions extending from opposite sides of the auxiliary frame;
a first auxiliary magnet located in each auxiliary extension;
an arm extending rearward from each auxiliary extension, and,
a second auxiliary magnet located in each arm; and,
whereas the primary magnets magnetically engage the first auxiliary magnets when the auxiliary frame is aligned substantially parallel to the primary frame; and,
whereas the primary magnets are magnetically engagable with the second auxiliary magnets when the auxiliary frame is aligned substantially perpendicular to the primary frame.